Chains for Forklift

Chains for Forklift - The life of the lift truck lift chains could be prolonged with good maintenance and care. Lubricating properly is actually an excellent technique to extend the capability of this particular forklift part. It is really essential to apply oil periodically with a brush or whichever lube application tool. The volume and frequency of oil application needs to be sufficient to be able to avoid whichever rust discoloration of oil in the joints. This reddish brown discoloration generally signals that the lift chains have not been correctly lubricated. If this particular situation has happened, it is very essential to lubricate the lift chains as soon as possible.

It is common for several metal to metal contact to take place throughout lift chain operation. This can result in parts to wear out in the long run. The industry standard considers a lift chain to be worn out when three percent elongation has occurred. To be able to stop the scary likelihood of a disastrous lift chain failure from taking place, the manufacturer greatly recommends that the lift chain be replaced before it reaches 3% elongation. The lift chain gets longer due to progressive joint wear that elongates the chain pitch. This elongation could be measured by placing a certain number of pitches under tension.

In order to ensure good lift chain maintenance, another factor to consider is to check the clevis pins on the lift chain for indications of wearing. Lift chains are put together so that the clevis pins have their tapered faces lined up with each other. Normally, rotation of the clevis pins is often caused by shock loading. Shock loading occurs if the chain is loose and then all of a sudden a load is applied. This causes the chain to experience a shock as it 'snaps' under the load tension. Without the good lubrication, in this particular case, the pins could rotate in the chain's link. If this scenario occurs, the lift chains have to be replaced immediately. It is imperative to always replace the lift chains in pairs in order to ensure even wear.